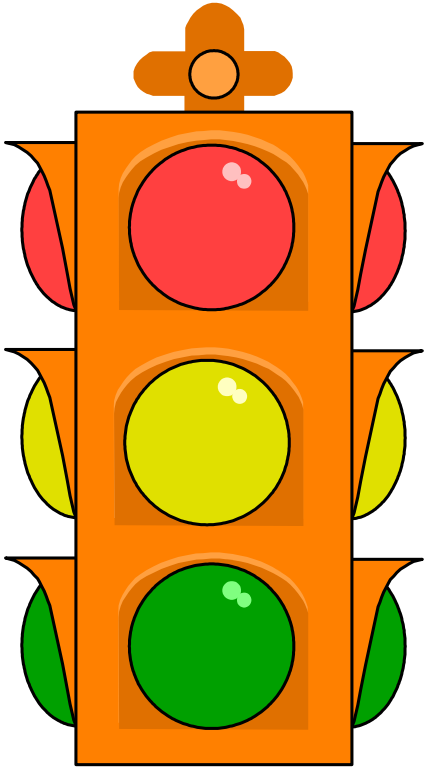
RAILER SMS

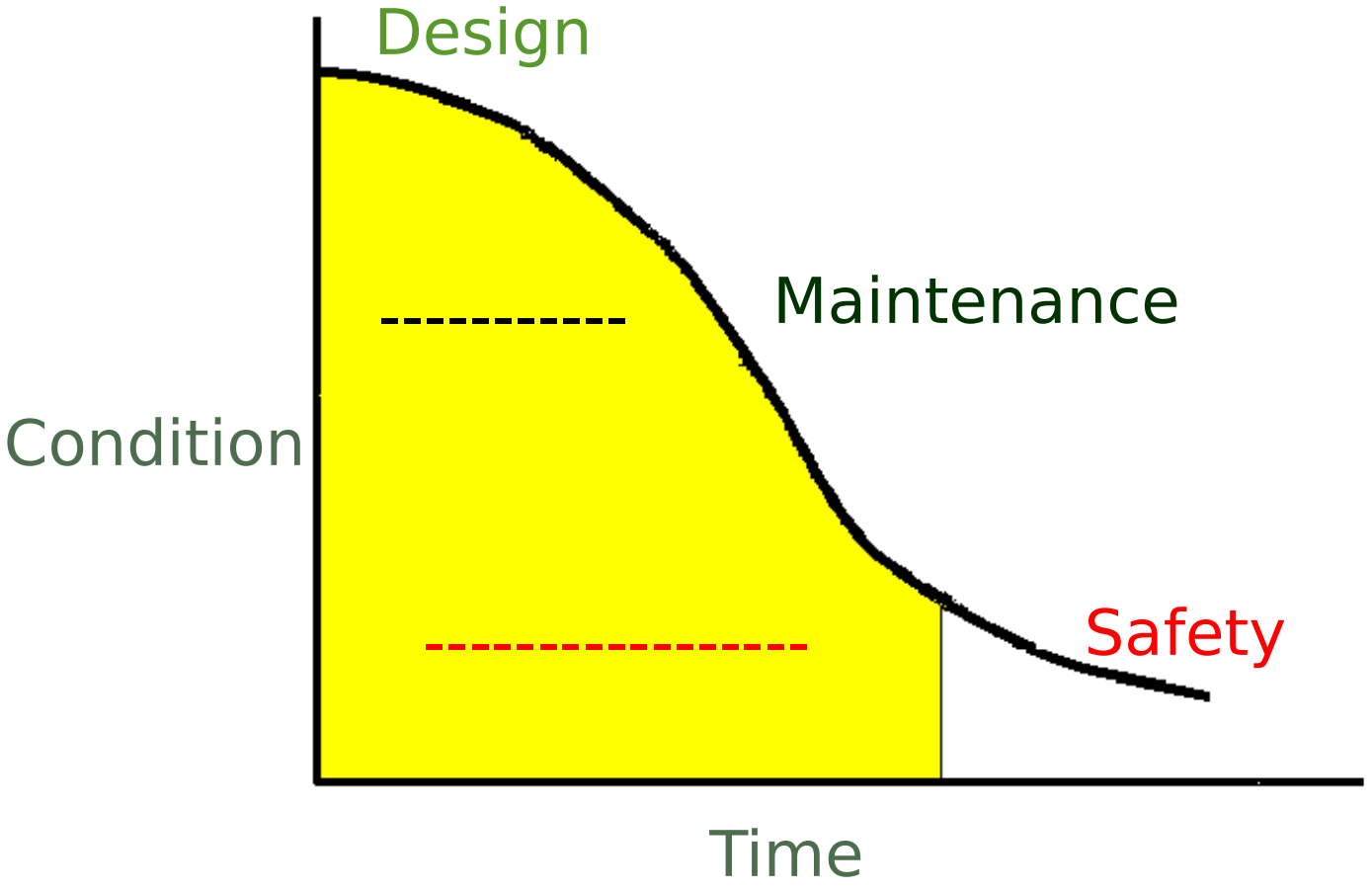
Track Standards

Types of Track Standards



- Design
- Maintenance
- Safety

Relationship Between Track Standards



Purpose of Track Standards

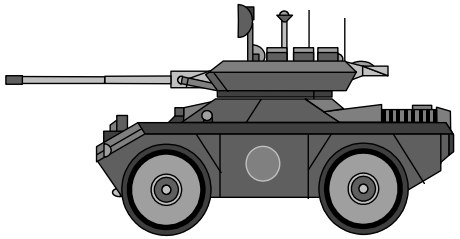
- Design Criteria
- Condition Assessment
- Specify Inspection Frequencies
- Specify Inspector Requirements
- List Track Defects
- Specify Operating Restrictions
- Provide Maintenance Levels
- Others

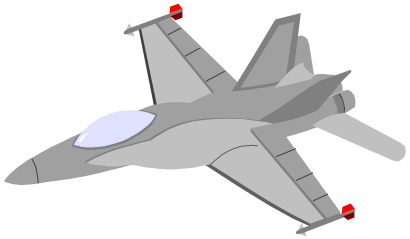
Not Every Track Standard Serves Every Purpose

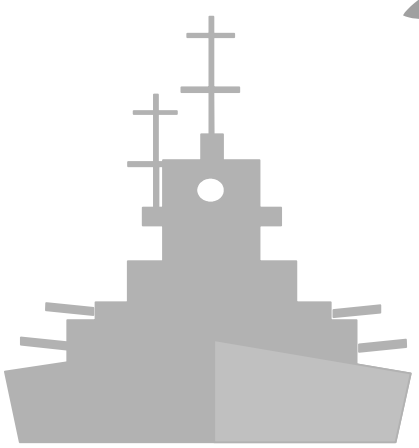
Direct Purpose of Track Standards in RAILER

- Track defects used in inspection
- Every defect has a corresponding track standard condition level
- Condition assessment
- Set target M&R levels for planning and budgeting
- Design standards can be used as a basis for establishing M&R policies

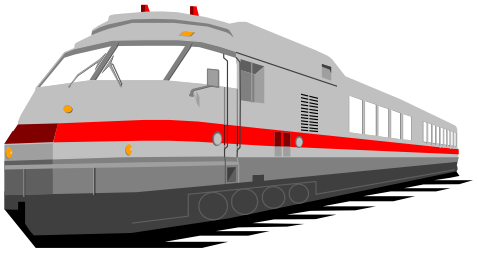
Track Standards Currently Used in RAILER



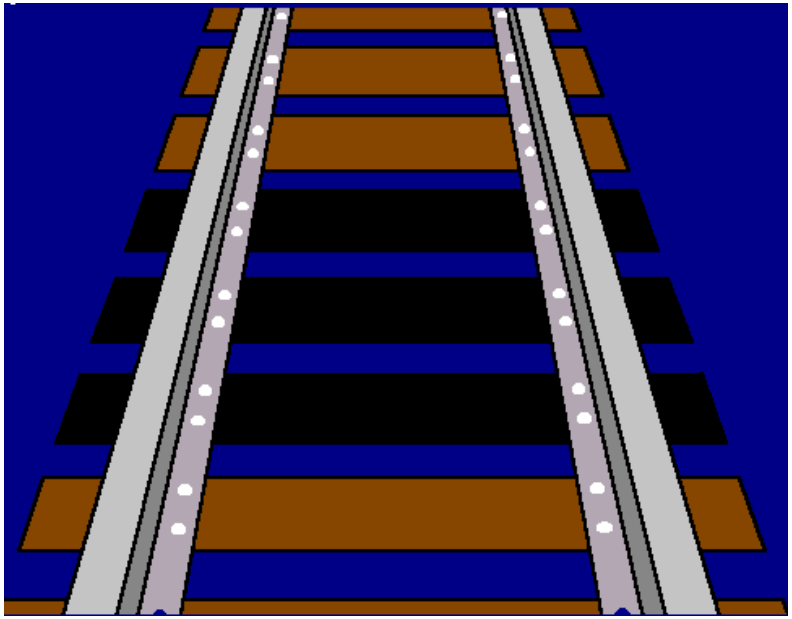




- UFC Tri-Service
- U.S. Army / U.S. Air Force
- U.S. Navy
- Federal Railroad Administration (FRA)

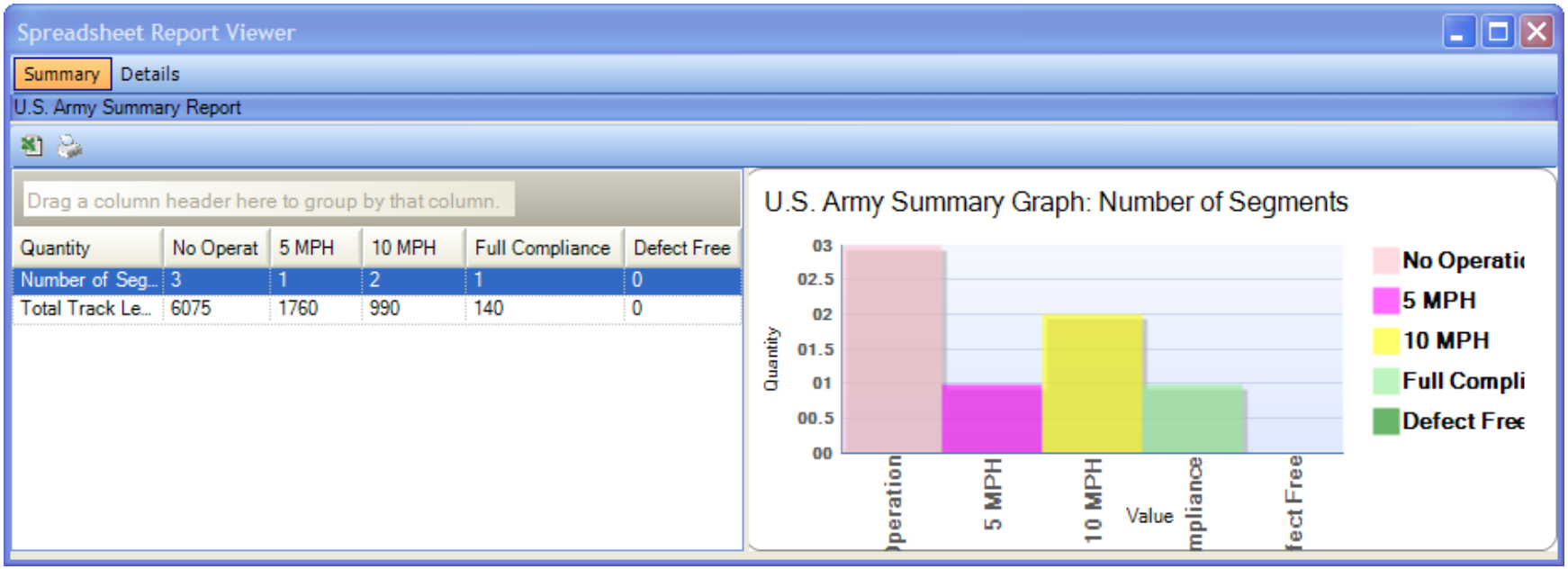


Example Standards Usage



- Standard
  - U.S. Army
- Defect
  - Three-in-a-Row Defective Tie Cluster
- Condition/Restriction
  - 10 MPH

Example Standards Usage



Key Points to Remember

- There are different types of track standards.
- Track standards are used in RAILER to contribute to the inspection defect list.
- They are used for condition assessment, M&R planning and budgeting.
- You must have a primary standard declared.
- Condition levels are defect driven. The “worst” defect in the segment will determine the segment condition (e.g. no operations).

Questions?